

102703

17114 U.S. PTO

| | |
|---|--|
| UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | Attorney Docket No. 038190/268379 |
| | First Inventor Dwight A. Burford et al. |
| | Title SYSTEM AND ASSOCIATED FRICTION STIR (FSW) ASSEMBLY, CONTROLLER AND METHOD FOR PERFORMING A FRICTION STIR WELDING OPERATION |
| | Express Mail Label No. EV 331608718 US |

00727 U.S. PTO
10/706480

ADDRESS TO: MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Transmitted herewith for filing in the United States Patent Office is a patent application for:

Inventors: Dwight R. Burford, Edwin H. Fenn, Danny R. High, Robert M. Kay

Assignee of this invention is The Boeing Company, Chicago, Illinois

1. ☒ The Filing Fee has been calculated as shown below:
2. ☐ Applicant claims Small Entity Status. See 37 CFR 1.27.

| | No. Filed | No. Extra | Small Entity Rate | Fee 0 | Large Entity Rate | Fee 1 |
|---|-----------|-----------|----------------------|-------|----------------------|--------|
| BASIC FEE | | | | \$ 0 | | \$ 770 |
| TOTAL CLAIMS: | 20 - 20 = | 0 | X 9 = | \$ 0 | x 18 = | \$ 0 |
| INDEP CLAIMS: | 4 - 3 = | 1 | X 43 = | \$ 0 | x 86 = | \$ 86 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED | | | +145 = | \$ | +290 = | \$ |
| *If the difference in Column 1 is less than zero, enter "0" in Column 2. | | | TOTAL | \$ | TOTAL | \$ 856 |

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Acct. No. 16-0605.

- a. ☒ Fees required under 37 CFR 1.16 (National filing fees).
b. ☒ Fees required under 37 CFR 1.17 (National application processing fees) including any extension of time fees under 37 CFR § 1.136(a) that are required for consideration of papers filed during prosecution.
- ☒ A check in the amount of \$ 856.00 for the filing fee is enclosed.
- ☐ The above filing fee will be paid along with Applicant(s) Response to the Notice to File Missing Parts.
3. ☒ Specification; Total Pages 25
4. ☒ 6 Sheets of Drawing(s) (35 USC 113)
5. ☒ Declaration and Power of Attorney; [Total Pages 3]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) & 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

The PTO did not receive the following
listed item(s) Specification, Claims
Drawings and Post card.

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy (CRF)
 - b. ☐ Request for Transfer of Computer Readable Form of Sequence Listing under 37 CFR § 1.821(e) and MPEP 2422.05 (must be compliant with new rules)
 - c. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper (___ Pages)
 - d. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s) (including a check for the \$40.00 fee)
10. ☐ 37 CFR 3.73(b) Statement (*when there is an assignee*); ☐ Power of Attorney
11. ☐ English Translation Document (*if applicable*)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449; 1 Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
15. ☐ Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
☐ Foreign Priority is claimed as Application No. _____, filed _____
16. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).
Applicant must attach form PTO/SB35 or its equivalent.
17. ☒ Request for Early Publication Under 37 CFR § 1.219. Fee of \$300.00 is enclosed.
18. **If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:**
☐ Continuation ☐ Divisional ☐ Continuation in Part (CIP)

of prior Application No: ____; Filed _____

Prior Application Information: Examiner _____

Group/Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

CUSTOMER NUMBER 00826

Signature: _____

Attorney/Agent of Record: Andrew T. Spence

Attorney/Agent Registration No. 45,699

Alston & Bird LLP

Bank of America Plaza

101 South Tryon Street, Suite 4000

Charlotte, NC 28280-4000

Tel Charlotte Office (704) 444-1000

Fax Charlotte Office (704) 444-1111

"Express Mail" mailing label number EV 331608718 US

Date of Deposit October 27, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Sarah B. Simmons

Sarah B. Simmons

CLT01/4616221v1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Dwight A. Burford et al.
Appl. No.: To be assigned
Filed: Concurrently herewith
For: SYSTEM AND ASSOCIATED FRICTION STIR WELDING (FSW)
ASSEMBLY, CONTROLLER AND METHOD FOR PERFORMING
A FRICTION STIR WELDING OPERATION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**REQUEST FOR EARLY PUBLICATION
UNDER 37 C.F.R. § 1.219**

Applicant hereby requests early publication of this patent application under 37 C.F.R.
§ 1.219. The fee of \$300.00 under 37 C.F.R. § 1.18 is enclosed. Any deficiency may be charged
to deposit account 16-0605.

11/17/2003 AAD0F01 00000006 10706480

01 FC:1504

300.00 0P

Respectfully submitted,

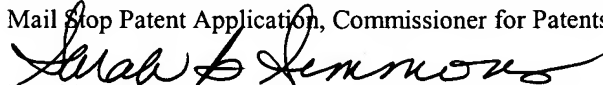


Andrew T. Spence
Registration No. 45,699

Customer No. 00826
Alston & Bird LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000
Tel Charlotte Office (704) 444-1000
Fax Charlotte Office (704) 444-1111

"Express Mail" mailing label number EV 331608718 US
Date of Deposit October 27, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:
Mail Stop Patent Application, Commissioner for Patents, Alexandria, VA 22313-1450



Sarah B. Simmons
CLT01/4608532v1